

Siemens Government Technologies, Inc Shop Floor Information System

PROBLEM STATEMENT

CVN & Submarine maintenance is increasingly constrained by persistent schedule delays, expanding maintenance backlog, and limited decision advantage across public shipyards

The primary driver is the fragmentation in how maintenance work is planned, executed, and managed across disconnected digital & manual environments, tools, and processes.

BENEFITS

SFIS will reduce the duration of each ship overhaul availabilities by 15%

As SFIS shortens the maintenance availability timeline, provides Navy options to increase the workload package to improve readiness

TECHNOLOGY SOLUTION

Shop Floor Information System (SFIS) provides digital step-by-step work instructions of each repair process, and collects ship overhaul process data advancing the digital strategy of the Navy's ship overhaul mission.

SFIS connects and modernizes shop floor systems that both allow for input and output of information to industrial PLM software, personnel, resources, work instructions, and location data.

GRAPHIC

